

Title (en)

NON-UNIFORMITY CORRECTION TECHNIQUES FOR INFRARED IMAGING DEVICES

Title (de)

UNGLEICHMÄSSIGKEITSKORREKTURVERFAHREN FÜR INFRAROT-BILDGEBUNGSVORRICHTUNGEN

Title (fr)

TECHNIQUES DE CORRECTION DE NON-UNIFORMITÉ POUR DISPOSITIFS D'IMAGERIE INFRAROUGE

Publication

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Application

EP 12727208 A 20120608

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Abstract (en)

[origin: WO2012170949A2] Various techniques are disclosed for performing non-uniformity correction (NUC) for infrared imaging devices. Intentionally blurred image frames may be obtained and processed to correct for FPN (e.g., random spatially uncorrelated FPN in one embodiment) associated with infrared sensors of the infrared imaging device. Intentionally blurred image frames may be used to distinguish between FPN associated with the infrared sensors and desired scene information. Advantageously, such techniques may be implemented without requiring the use of a shutter to perform flat field correction for the infrared imaging device.

IPC 8 full level

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CPC (source: EP US)

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US 2003198400 A1 20031023 - ALDERSON TIMOTHY [US], et al

Cited by

US9948872B2; US10250822B2; US10122944B2; US10970556B2

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